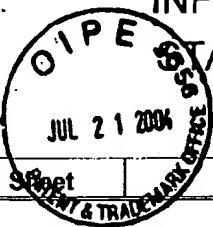


Substitute for Form 1449/PTO

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)



Complete if Known

Application Number 09/852,755

Filing Date May 9, 2001

First Named Inventor: Ethan Spiegel

Art Unit 2664 2666

Examiner Name DWONG, P

Attorney Docket Number 81862P232D

Sheet 1

of

4

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
FD	—	US-	4,827,411	5/2/1989	Arrowwood et al.	—
		US-	4,965,767	10/23/1990	Kinoshita et al.	
		US-	4,965,772	10/23/1990	Daniel et al.	
		US-	5,115,495	5/19/1992	Tschuiya et al.	
		US-	5,119,367	6/2/1992	Kawakatsu et al.	
		US-	5,128,926	7/7/1992	Perlman et al.	
		US-	5,189,662	2/23/1993	Kleine-Altekamp	
		US-	5,233,604	8/3/1993	Ahmadi et al.	
		US-	5,452,294	9/19/1995	Natarajan	
		US-	5,477,541	12/19/1995	White et al.	
		US-	5,485,455	1/16/1996	Dobbins et al.	
		US-	5,517,617	5/14/1996	Sathaye et al.	
		US-	5,555,244	9/10/1996	Gupta et al.	
		US-	5,602,770	2/11/1997	Ohira	
TD	+	US-	5,604,868	2/18/1997	Komine et al.	

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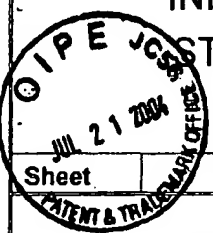
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature	<i>me DWONG</i>	Date Considered	11/17/04
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Substitute for Form 1449/PTO					Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>					Application Number	09/852,755
					Filing Date	May 9, 2001
					First Named Inventor:	Ethan Spiegel
					Art Unit	2664 266.6
					Examiner Name	Dronitz, T
Sheet	2	of	4	Attorney Docket Number	81862P232D	
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
TD		US- 5,632,021	5/20/1997	Jennings et al.		
		US- 5,634,010	5/27/1997	Ciscon et al.		
		US- 5,638,359	6/10/1997	Peltola et al.		
		US- 5,644,718	7/1/1997	Belove et al.		
		US- 5,659,684	8/19/1997	Giovannoni et al.		
		US- 5,666,353	9/9/1997	Klausmeier et al.		
		US- 5,673,265	9/30/1997	Gupta et al.		
		US- 5,678,006	10/14/1997	Valizadeh et al.		
		US- 5,694,390	12/21/1997	Yamato et al.		
		US- 5,740,097	4/14/1998	Satoh		
		US- 5,748,617	5/5/1998	McLain, Jr.		
		US- 5,761,192	6/2/1998	Hummel		
		US- 5,796,736	8/18/1998	Suzuki		
		US- 5,835,710	11/10/1998	Nagami et al.		
		US- 5,940,396	8/17/1999	Rochberger		

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

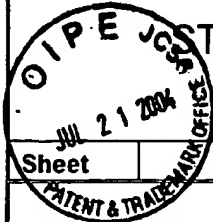
Examiner Signature		Date Considered	11/17/04
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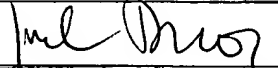
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Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/852,755
				Filing Date	May 9, 2001
				First Named Inventor:	Ethan Spiegel
				Art Unit	2664 2666
				Examiner Name	DUONZ, F
Sheet	3	of	4	Attorney Docket Number	81862P232D

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
FD	I	US-	6,122,272	9/19/2000	Tomaszewski et al.	—
FD	I	US-	6,167,030	12/26/2000	Kilki et al.	—
FD	I	US-	6,356,530 B1	3/12/2002	Tomaszewski et al.	—
FD	I	US-	6,611,496 B1	8/26/2003	Tomaszewski et al.	—
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	11/17/06
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Substitute for Form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	09/852,755
				Filing Date	May 9, 2001
				First Named Inventor:	Ethan Spiegel
				Art Unit	2664 2666
				Examiner Name	DUNN, T
Sheet	4	of	4	Attorney Docket Number	81862P232D
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
FD		ATM Forum User-Network Interface Specification (v.3.1) Table of Contents vii-xxv & pgs. 159-164 (1995).			
FD		The ATM Forum Technical Committee, "Private-Network-Network Interface Specification Version 1.0 (PNNI 1.0)," ATM Forum document number af-pnni-0055.000, March 1996			
FD		Bill Mayo, "Patent Declaration," The ATM Forum, http://www.atmforum.com/standards/113.html (2002)			
FD		Applicants' Statement on page 2 of the attached Information Disclosure Statement			

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Examiner Signature	<i>[Signature]</i>	Date Considered	11/17/06
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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.
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Summary of USPTO Kind Codes Used on Documents Published Beginning January 2, 2001

PTO ST.16 Kind Codes

	Kind of document	Comments
A1	Patent Application Publication	Pre-grant publication available March 2001
A2	Patent Application Publication (Republication)	Pre-grant publication available March 2001
A9	Patent Application Publication (Corrected Publication)	Pre-grant publication available March 2001
B1	Patent	No previously published pre-grant publication
B2	Patent	Having a previously published pre-grant publication and available March 2001
C1, C2, C3...	Reexamination Certificate	Previously used codes B1 and B2 are now used for granted Patents
E	Reissue Patent	No change
H	Statutory Invention Registration (SIR)	No change
P1	Plant Patent Application Publication	Pre-grant publication available March 2001
P2	Plant Patent	No previously published pre-grant publication
P3	Plant Patent	Having a previously published pre-grant publication and available March 2001
P4	Plant Patent Application Publication (Republication)	Pre-grant publication available after March 2001
P9	Plant Patent Application Publication (Corrected Publication)	Pre-grant publication available March 2001
S	Design Patent	No change

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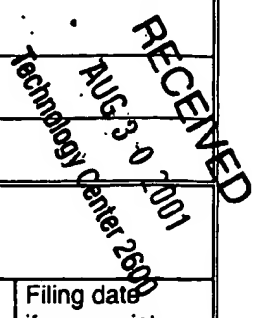
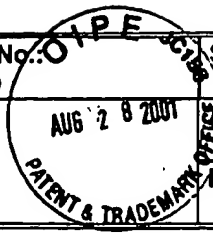
Atty Docket No.:
81862.P232D

Serial No.: 99/852,755

List of Patents and Publications Statement
(Use several sheets if necessary)

Applicant: Ethan Spiegel, et al.

Filing Date: May 9, 2001



REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initials		Document No.		Class	Sub- Class	Filing date if appropriate
FD	A	4,419,728	Larson			12/06/1983
	B	4,424,565	Larson			01/03/1984
	C	4,506,358	Montgomery			03/19/1985
	D	4,644,532	George, et al.			02/17/1987
	E	4,679,189	Olson, et al.			07/07/1987
	F	4,750,136	Arpin, et al.			06/7/1988
	G	4,879,551	Georgiou, et al.			11/07/1989
	H	4,933,937	Konishi			06/12/1990
	I	5,033,595	Pardee			07/23/1991
	J	5,034,919	Sasai, et al.			07/23/1991
	K	5,088,032	Bosack			02/11/1992
	L	5,136,580	Videlock, et al.			08/04/1992
	M	5,241,682	Bryant, et al.			08/31/1993
	N	5,287,103	Kasprzyk, et al.			02/15/1994
	O	5,309,437	Perlman, et al.			05/03/1994
	P	5,319,644	Liang			06/07/1994
	Q	5,361,256	Doeringer, et al.			11/01/1994
	R	5,386,567	Lien, et al.			01/31/1995
	S	5,430,715	Corbalis, et al.			07/4/1995
	T	5,490,258	Fenner			02/06/1996
	U	5,491,804	Heath, et al.			02/13/1996
	V	5,504,747	Sweazey			04/02/1996
	W	5,571,617	Coopridier, et al.			11/05/1996
	X	5,519,858	Walton, et al.			05/21/1996
	Y	5,253,489	Yoshii			10/19/1993
	Z	5,724,351	Chao, et al.			03/03/1998
	A	5,754,547	Nakazawa			05/19/1998
FD	B	5,841,874	Kempke et al.			11/24/1998

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No.	Document No.	Date	Country	Class	Sub-Class	Trans- lation

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

Examiner *McDermott* Date Considered *11/12/04*

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Form PTO-1449 (Modified)		Atty Docket No. 81862.P232D		Serial No. 8/852,755			
List of Patents and Publications Statement (Use several sheets if necessary)				Applicant: Ethan Spiegel, et al.			
				Filing Date: May 9, 2001			
REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS				
Examiner Initials		Document No.		Class	Sub- Class	Filing date if appropriate	
FOREIGN PATENT DOCUMENTS							
No.		Document No.	Date	Country	Class	Sub-Class	Trans- lation
FD	A	WO 93/07692	15 APR 1993	PCT			
	B	WO 94/01828	20 JAN 1994	PCT			
	C	WO 95/20850	3 AUG 1995	PCT			
	D	0 431 751 A1	02 NOV 1990	EPO			
FD	E	0 384 758 A2	22 FEB 1990	EPO			
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FD	F	Allen, M., "Novell IPX Over Various WAN Media (IPXW AN), "Network Working Group, RFC 1551, December 1993, pp. 1-22.					
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	K	IBM Corporation, "Method and Apparatus for the Statistical Multiplexing of Voice, Data and Image Signals," IBM Technical Disclosure Bulletin, No. 6, November 1992, pp. 409-411.					
	L	Pei, et al., "Putting Routing Tables in Silicon," IEEE Network Magazine, January 1992, pp. 42-50.					
	M	Perkins, D., "Requirements for an Internet Standard Point-to-Point Protocol," Network Working Group, RFC 1547, December 1993, pp. 1-19.					
	N	Simpson, W., "The Point-to-Point Protocol (PPP)," Network Working Group, RFC 1548, December 1993, pp. 1-53.					
	O	Tsuchiya, P.F., "A Search Algorithm for Table Entries with Non-Contiguous Wildcarding," Abstract, Bellcore.					
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FD	Q	William Stallings, Data and Computer Communications, pp. 329-333, Prentice Hall, Upper Saddle River, New Jersey 07458					
Examiner			Date Considered				
[Signature]			11/17/04				
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